



ALOHA-12A

All-in-One Display Console

12.1" Single Port DVI / VGA / USB KVMA Touch Display Console



**Rugged
Metal Body**



7-in-1 Touch Display Console

- World's First 7-in-1 Touch Display Console
12.1" laptop design touch display console integrated with keyboard, touchpad, webcam, microphone, speakers, earphone and 5 USB ports
- Get rid off cables, easy to install via VGA/DVI/USB cables
- VESA mount compliance
- Rugged die-casting base construction



Embedded System
IBX-530-ATOM



Book Size Embedded System
IBX-700-9103



Industrial Universal Controller
VITO-2100

ALOHA-12A All-in-One Display Console

12.1" Single Port DVI / VGA / USB KVMA Display Console

The new single-port DVI/VGA/USB Display Console is designed for the DVI/VGA enabled PC. This unique 6-in-1 display console provides the connectivity to one DVI/VGA flat panel display. The DVI connection decreases the distortion caused by the analog-to-digital conversion. This space saving and multi-functional display console is integrated with 12.1" friendly touch screen and is fully audio and enabled via single USB cable to maximize the benefits of your work station at a minimal cost.

Features:

12.1" 7-in-1 Display Console

- 12.1" Touch Display
- 87-keys Keyboard and TouchPad
- 300K pixel camera with digital microphone
- Two 1.5W speakers
- 5 USBs
- Earphone
- Microphone

3 Cables Easy Installation

- 7-in-1 function single USB cable
- VGA/DVI
- Power adapter

Ruggedized Die-casting base !

Two 1.5W Integrated Speakers



Touchpad

The ALOHA-12A could be a 5-port USB 2.0 hub which optimizes the use of the single USB port by splitting it into five additional USB 2.0 ports (two on the front, one on the side and two on the rear) for multiple USB devices.



Multiple USB Connectivity



Camera with Digital Microphone



Convenient on-screen display (OSD) menus controlled by cap-sensor

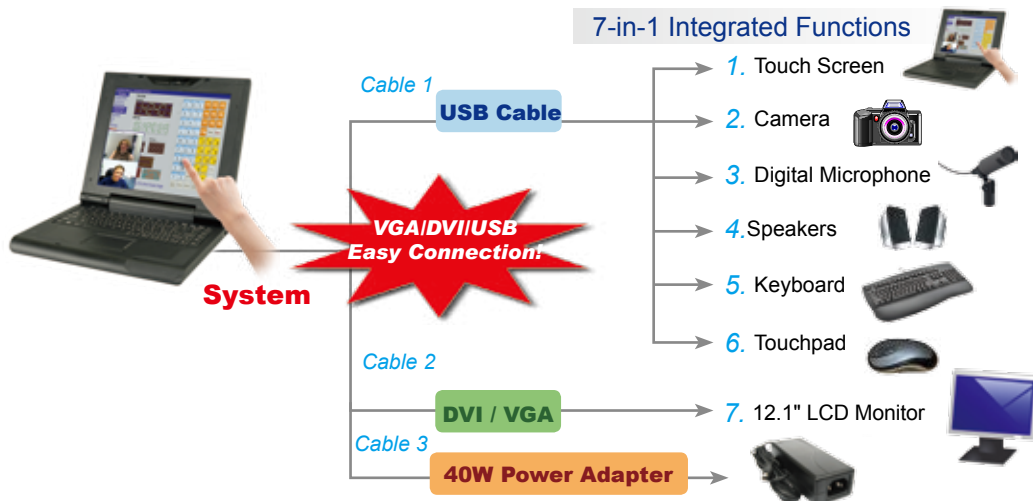


2 x USB Type-A
12V DC Input
USB Type-B Input
DVI-D
VGA

All-in-One Cost Saving and Space Management Display Console

ALOHA-12A help you save hundreds of dollars in equipment, space, and power costs. There is no need to have additional peripherals for the system.

Specifications	
LCD Size	12.1"
Resolution	1024 x 768 (XGA)
Connectors	Rear
	1 x USB Type-B Input
	1 x DVI-D
	1 x VGA
	2 x USB Type-A
	1 x Microphone Jack
	Front Panel
	1 x Speaker Jack
	Side
	1 x USB Type-A
Camera	300K pixel with digital microphone
OSD Control	Yes



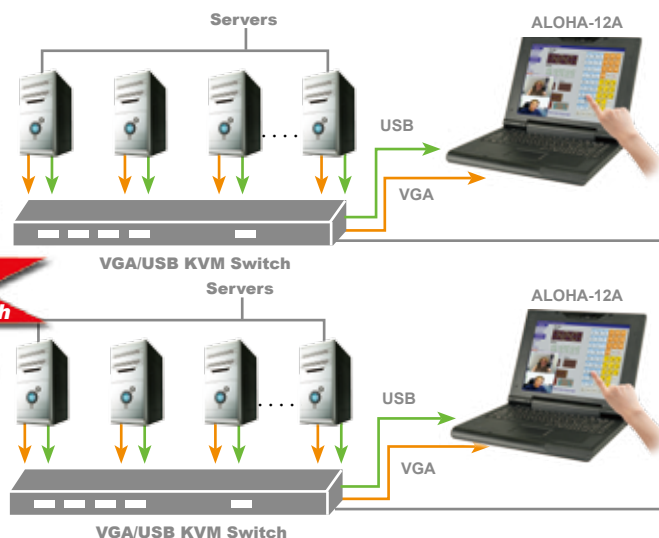
Administration Center

The ALOHA-12A single port display console allows to connect to the multi-port KVM switch to be the flexible LCD KVM console in the server applications.

►Main Features

- Light weight : easy to install by single labor
- Touch panel : easy to control the system
- Touch OSD functions on the keyboard : users can easily configure monitor functions.
- Compact size improves the internal space efficiency of existing cabinets
- Easy wiring via VGA/DVI and USB cables decreases the installation time

►Diagram



Easily applied with typical KVM switch

Compact! Easy to Deploy!



→ **VGA Signal**
→ **Keyboard/Mouse Signal**

● **Back end Office Module**

● **Real Time Monitoring**

Repair Maintenance Tool

General maintenance and repair workers often carry out several different tasks in a single day, at any number of locations. The compact all-in-one console, ALOHA-12A, allows the workers to carry it comfortably, to do the system maintenance, especially to those embedded systems which are difficult to dismantle.

3 Cables Easy to Install

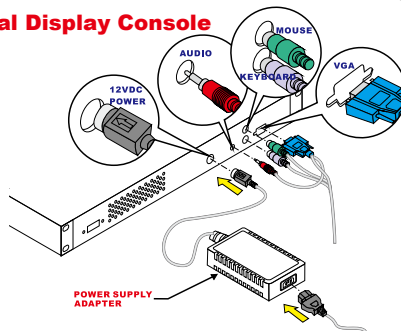
►Main Features

- Endless Possibilities with Multiple USB ports
- USB has recently become the standard connection in the PC environment. Devices such as data acquisition, serial, parallel, Ethernet, etc., can now be connected to system USB interface through ALOHA-12A.
- Easy wiring via VGA/DVI and USB cables decreases the installation time
- Mobility

►Diagram



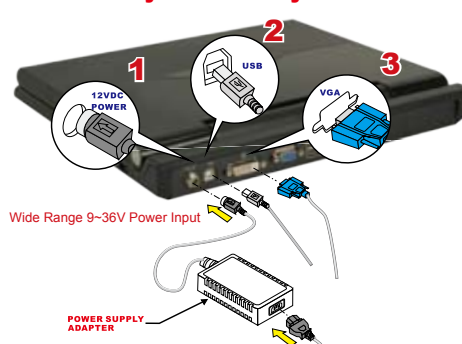
Typical Display Console



5 USB ports extend the system functions

- **Remote file access and sharing via USB ports**
- **External Input Device Connection**
- **Extending the system functions via USB dongle connection**

ALOHA Easy to Install by 3 Cables



Compact, easy to carry... multi-function built in easy to use.

Factory Automation

Rugged ALOHA-12A resisting shock and vibration helps to display and input data in the harsh industrial environment.



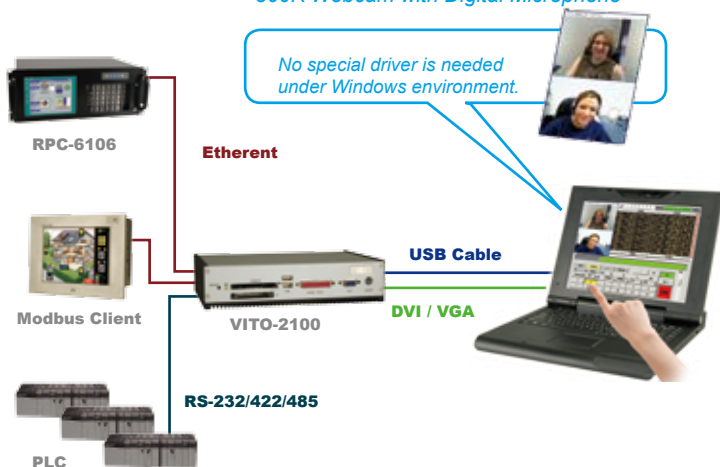
►Main Features

- 300K pixel camera up to VGA resolution (640 x 480) with digital microphone allows users to monitor via a web cam video or do the video conferencing and interactive distance learning in the factory automation field.
- 75/100 VESA mount compliance allows easily used in any applications, such as wall mounting, stand and arm.

Intelligent Data Collection

300K Webcam with Digital Microphone

No special driver is needed under Windows environment.



Install Anywhere with Adjustable FLAT VESA ARM

- ALOHA-12A designed with robust die-casting base allows securely fix on the flat VESA ARM kit
- Comfortable viewing

VESA 75/100



Shop Floor

Each cart is equipped with a embedded PC device with Barcode readers connected through wireless LAN to a server application. The software on the cart terminals offers real time information to the human operator

►Main Features

- Multiple USB 2.0 ports easily connect to the devices

5 USB ports extend the system functions

Book Size Embedded System
IBX-700-9103



USB Cable

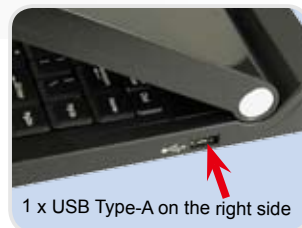
USB Cable

USB Cable

Barcode Scanner



Bluetooth/
Wireless Dongle

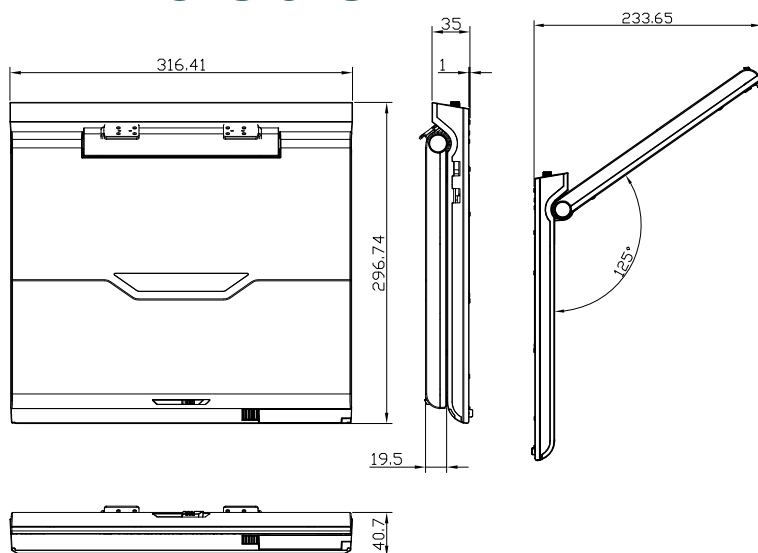


Industrial Grade Design

The ALOHA-12A case is made from ABS/PC cover (Acrylonitrile Butadiene Styrene/Polycarbonate Alloy) and die-casting base, which improves the stiffness over conventional material and makes the system more solid and durable.



Dimensions



Specifications

LCD Size		12.1"
Resolution		1024 x 768 (XGA)
Brightness (cd/m ²)		400
Contrast Ratio		500:1
LCD Colors		262k
Viewing Angle (H-V)		160°/160°
Connectors	Rear	1 x USB Type-B Input
		1 x DVI-D
		1 x VGA
	Front Panel	2 x USB Type-A
		1 x Microphone Jack
		1 x Speaker Jack
Side	2 x USB Type-A	
	1 x USB Type-A	
Camera		300K pixel with digital microphone
OSD Control		Yes
Power Input		9V~36V
Environment	Operating Temp.	0~45° C
	Humidity	5%~95%RH
Physical Properties	Housing	Metal
	Weight	3.16 kg
Dimensions (L x W x H) (mm)		316.41 x 296.74x 40.7

Packing List

Item	P/N	Description
Touch Pen	XTR104-0002-RS	
USB Cable	32000-091700-RS	1800MM with USB A TYPE MAIL and USB B TYPE MAIL
Power Adapter	63000-FSP0401ADF03A821-RS	1500MM;90V~264V;12V;40W
Power Cord	32000-000002-RS	1830MM;EUROPEAN POWER CORD
DVI Cable	32000-086600-RS	1800MM
VGA Cable	32000-036200-RS	1800MM;D-SUB 15P MALE
User's Manual and Touch Driver CD-ROM		

Ordering Information

	Model	Description
With Touch Screen	ALOHA-12A-E/T-R-R10	12.1" Single-port rack mount KVM console with touch monitor, keyboard, mouse, speaker, camera and microphone, black color, English
	ALOHA-12A-J/T-R-R10	12.1" Single-port rack mount KVM console with touch monitor, keyboard, mouse, speaker, camera and microphone, black color, Japanese
	ALOHA-12A-D/T-R-R10	12.1" Single-port rack mount KVM console with touch monitor, keyboard, mouse, speaker, camera and microphone, black color, German
	ALOHA-12A-F/T-R-F10	12.1" Single-port rack mount KVM console with touch monitor, keyboard, mouse, speaker, camera and microphone, black color, French
	ALOHA-12A-I/T-R-R10	12.1" Single-port rack mount KVM console with touch monitor, keyboard, mouse, speaker, camera and microphone, black color, Italian
	ALOHA-12A-T/T-R-R10	12.1" Single-port rack mount KVM console with touch monitor, keyboard, mouse, speaker, camera and microphone, black color, Traditional Chinese
	ALOHA-12A-S/T-R-R10	12.1" Single-port rack mount KVM console with touch monitor, keyboard, mouse, speaker, camera and microphone, black color, Spanish
	ALOHA-12A-R/T-R-R10	12.1" Single-port rack mount KVM console with touch monitor, keyboard, mouse, speaker, camera and microphone, black color, Russian
With Fiber Glass Protection	ALOHA-12A-E-R10	12.1" Single-port Rackmount KVM Console with LCD Monitor, Keyboard, Mouse, Speaker, Camera and Microphone,Black color,English
	ALOHA-12A-J-R10	12.1" Single-port Rackmount KVM Console with LCD Monitor, Keyboard, Mouse, Speaker, Camera and Microphone,Black color,Japanese
	ALOHA-12A-D-R10	12.1" Single-port Rackmount KVM Console with LCD Monitor, Keyboard, Mouse, Speaker, Camera and Microphone,Black color,German
	ALOHA-12A-F-R10	12.1" Single-port Rackmount KVM Console with LCD Monitor, Keyboard, Mouse, Speaker, Camera and Microphone,Black color,French
	ALOHA-12A-I-R10	12.1" Single-port Rackmount KVM Console with LCD Monitor, Keyboard, Mouse, Speaker, Camera and Microphone,Black color,Italian
	ALOHA-12A-T-R10	12.1" Single-port Rackmount KVM Console with LCD Monitor, Keyboard, Mouse, Speaker, Camera and Microphone,Black color,Traditional Chinese
	ALOHA-12A-S-R10	12.1" Single-port Rackmount KVM Console with LCD Monitor, Keyboard, Mouse, Speaker, Camera and Microphone,Black color,Spanish
	ALOHA-12A-R-R10	12.1" Single-port Rackmount KVM Console with LCD Monitor, Keyboard, Mouse, Speaker, Camera and Microphone,Black color,Russian